

Cerebral Temperature Control

Abstract

A system (10) for cerebral temperature control of a living being, comprising a double lumen catheter means (30) configured to be introduced through a nostril of a living being and to be placed with its tip at the level of the back of the tongue. The double lumen catheter means (30) comprises a first lumen (32) and a second lumen (38), said first and second lumens are in fluid communication by means of a set of end openings (34), said second lumen being configured as an expandable balloon. Further comprising a temperature regulator (24) connected to a reservoir (20) comprising a fluid (22), said temperature regulator being configured to regulate the temperature of said fluid, and means (12, 14, 16) for circulating said temperature regulated fluid from said reservoir into said first lumen, from said first lumen into said second lumen, and from said second lumen back to said reservoir.

(FIG. 1)